ENGINEERING CHANGE NOTICE

Page 1 of <u>A</u>

1. ECN 635482

	<u>"</u>						
2. ECN Category (mark one)	 Originator's Name, Organization, MSIN, and Telephone No. 		4. USQ Required?		5. Date		
Supplemental [] Direct Revision [X]	Jim G. Field, Data Assessment & Interpretation, R2-12, 376-3753		[] Yes [X] No		05/27/97		
Change ECN []	6. Project Title/No./Work Order No.		7. Bldg./Sys./Fac. No.		8. Approval Designator		
Temporary [] Standby []			241-S-109		· ·		
Supersedure [] Cancel/Void []	Tank Characterization Report for Single-Shell Tank 241-S-109		241-3-109		N/A		
	9. Document Numbers (includes sheet r	Changed by this ECN no. and rev.)	10. Related ECN No(s).		11. Related PO No.		
	HNF-SD-WM-E	ER-627, Rev. 0	N/A		N/A		
12a. Modification Work	12b. Work Package No.	12c. Modification Work	Complete	12d. Restor tion (Temp.	red to Original Condi- or Standby ECN only)		
[] Yes (fill out Bik. 12b)	N/A	N/A		:	N/A		
[X] No (NA Blks. 12b, 12c, 12d)		Design Authority/Cog. Signature & Da			uthority/Cog. Engineer		
170 Decemination of Change	_1	*****	-	_	ignature & Date		
13a. Description of Change		13b. Design Baseline	_		No topo due the		
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Agreement milestone		ir covergineer was i	ncorrect.	me com	rect int-Party		
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Only the supporting	g document cover	sheet is being cha	nged in t	his revis [.]	ion.		
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14a. Justification (mark o	ne)		·				
Criteria Change []	Design Improvement	[] Environmental	[]	Facili	ty Deactivation []		
As-Found	Facilitate Const	[] Const. Error/0			Error/Omission [X]		
14b. Justification Details				Design	Error/ominasion [X]		
The correct Tri-Par		lestone must be re	flected o	n all tank	(
characterization re		TOO OOT TOO OO OO TO	1100000	i dir turi	`		
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15. Distribution (include	name, MSIN, and no. o	f copies)	į		RELEASE STANP		
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ENGINEERING CHANGE NOTICE			Page 2 of 2	1. ECN (use no. f ECN-635482	rom pg. 1)		
16. Design 17. Cost Impact			***	18. Schedule Impact (days)		
Verification Required	ENGINE	RING	CONSTRUC	TION			
[] Yes	Additional	[] \$ Addi	tional [[] \$	Improvement []		
[X] No	Savings	[] \$ Savi	ngs [[] \$	Delay []		
that will be af	eview: Indicate t fected by the chan	ge described in Block	13. Enter the	e engineering do e affected docum	cuments identified on s ent number in Block 20	Side 1)	
SDD/DD	[]	Seismic/Stress An	,		Tank Calibration Manual		
Functional Design Criteria	· []	Stress/Design Rep			Health Physics Procedure		
Operating Specification		Interface Control I	_		Spares Multiple Unit Listing	_ []	
Criticality Specification		Calibration Proced			Test Procedures/Specificatio	n []	
Conceptual Design Repor	t []	Installation Proced			Component Index		
Equipment Spec.		Maintenance Proc			ASME Coded Item		
Const. Spec.		Engineering Proce		[]	Human Factor Consideration		
Procurement Spec.		Operating Instruct			Computer Software		
Vendor Information	[]	Operating Procedu			Electric Circuit Schedule		
OM Manual	[]	Operational Safety	/ Requirement		ICRS Procedure		
FSAR/SAR	[]	IEFD Drawing			Process Control Manual/Plan		
Safety Equipment List	[]	Cell Arrangement	_		Process Flow Chart	[]	
Radiation Work Permit	[]	Essential Material	•		Purchase Requisition		
Environmental Impact Sta	itement []	Fac. Proc. Samp.	Schedule		Tickler File	[]	
Environmental Report	[]	Inspection Plan		[]			
Environmental Permit		Inventory Adjustm	ent Request				
20. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below. Document Number/Revision Document Number/Revision N/A							
21. Approvals							
, and the state of	Signature	D	ate	Signa	iture	Date	
Design Authority		. 1	Desi	gn Agent			
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Tank Characterization Report for Single-Shell Tank 241-S-109

Jim G. Field

Lockheed Martin Hanford Corp., Richland, WA 99352 U.S. Department of Energy Contract DE-AC06-87RL10930

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Key Words: Waste Characterization, Single-Shell Tank, SST, Tank 241-S-109, Tank S-109, S-109, S Farm, Tank Characterization Report, TCR, Waste Inventory, TPA Milestone M-44

Abstract: This document summarizes the information on the historical uses, present status, and the sampling and analysis results of waste stored in Tank 241-S-109. This report supports the requirements of the Tri-Party Agreement Milestone M-44-10.

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RECORD OF REVISION

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HNF-SD-WM-ER-627

Page 1

(2) Title

Tank Characterization Report for Single-Shell Tank 241-S-109

	CHANGE CONTROL RECORD	-109			
(3) Revision	(4) Description of Change - Replace, Add, and Delete Pages		rized for Release		
		(5) Cog. Engr.	(6) Cog. Mgr. Date		
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Tank Characterization Report for HNF-SD-WM-ER-627, Rev. 0-A	Single-Shell	Tank 241-S	-109,	ECN I	No. ECN	-635482		
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